

REMARKS

The rejections of Claims 1, 2, 9 and 11 under 35 U.S.C. § 102(e) as anticipated by, and of Claims 1-6 and 9-14 under 35 U.S.C. § 103(a) as unpatentable over, U.S. 6,987,141 (Okamoto et al), are respectfully traversed.

As described in the specification, the present invention relates to a polycarbonate resin composition and a molding thereof with excellent heat resistance and flame retardancy, and light reflectance and light-shutting properties of the molding.

Particularly, as recited in Claim 1, the present invention is a polycarbonate resin composition comprising (A) 5 to 98 parts by weight of a polycarbonate-polyorganosiloxane copolymer, (B) 0 to 93 parts by weight of a polycarbonate resin, (C) 2 to 50 parts by weight of titanium oxide, (D) 0 to 1.0 parts by weight of a fibril-forming polytetrafluoroethylene, and (E) 0.05 to 2.0 parts by weight of **an organosiloxane**, wherein the sum of the ingredients (A), (B), and (C) is 100 parts by weight. (Emphasis added).

The specification herein contains comparative data demonstrating the importance of the presence of ingredient (E). Examples 1-36 are according to the present invention; Comparative Examples 1-6 are for purposes of comparison, and contain no ingredient (E). Comparative Examples 1-4 are more pertinent, since they also contain ingredient (A). The compositions are shown in Table 1 at pages 19-20 of the specification. The commercial products used in the examples and comparative examples are described in the specification in the paragraph bridging pages 16 and 17. The examples and comparative examples were prepared and tested for various properties as described in the specification in the paragraph bridging pages 17 and 18, and the following paragraph; page 21, line 1 through the penultimate line; and the penultimate paragraph at page 24. The data for the properties tested are presented in the specification at Table 2 at pages 22-23 of the specification. The data show that the Izod strength and reflectance values for the comparative examples were inferior

to the corresponding values for the examples, the thermal deformation temperature for the comparative examples was lower than for the examples, and the comparative examples failed the flame retardancy test, while the examples passed.

Additional comparative data for brightness appears in the specification at page 24, first paragraph, for the examples, and at the paragraph bridging pages 24 and 25, for the comparative examples, wherein Applicants describe, at page 25, lines 6-7, that brightness for the comparative examples was inferior to all the examples.

The above-discussed comparative data could not have been predicted from Okamoto et al, which is now discussed.

Okamoto et al is drawn to so-called "first to third aspects," all relating to a polycarbonate resin composition. The Examiner particularly relies on the third aspect therein, which is a polycarbonate resin composition comprising an aromatic polycarbonate-polyorganosiloxane copolymer (A) having a particular aromatic terminal group of a general formula (III-1), an aromatic polymer carbonate (B) having a particular aromatic terminal group containing an alkyl group of 21-35 carbons, of a general formula (III-2), and a fibril-forming polytetrafluoroethylene (C) (column 5, line 36 through column 6, line 15), **or** a polycarbonate resin composition comprising an aromatic polycarbonate-polyorganosiloxane copolymer (D) having a terminal group of general formula (III-2') and said fibril-forming polytetrafluoroethylene (C), wherein general formula (III-2') is the same as (III-2) (column 6, lines 16-41). Further description of said third aspect is at column 29, line 64 through column 44, line 51. Thus, Okamoto et al's composition must contain a particular aromatic terminal group containing an alkyl group of 21-35 carbons, either (1) on an aromatic polycarbonate that is combined with aromatic polycarbonate-polyorganosiloxane copolymer not containing such a group (components (A) and (B)), or (2) on an aromatic polycarbonate-polyorganosiloxane copolymer (component (D)). While Okamoto et al discloses the addition

of additives, abbreviated as component (E), which may be of inorganic fillers, additives, other synthetic resins and elastomers not interfering with the object of the invention (column 37, lines 33-37), among which are listed titanium oxide, and “silicone oil” as a lubricant (column 37, lines 49-50), there is no disclosure or suggestion of presently-recited ingredient (E). It must be kept in mind that presently-recited ingredient (E) is different from the polyorganosiloxane-containing polycarbonate-polyorganosiloxane copolymer ingredient (A). See also the specification at page 9, lines 22-24.

It appears that the Examiner has misinterpreted Okamoto et al, finding, in effect, that component (D) therein is part of a composition containing components (A), (B) and (C). As discussed above, it is not. Okamoto et al neither discloses nor suggests a composition comprising a polycarbonate-polyorganosiloxane copolymer **and** an organosiloxane.

In sum, Okamoto et al does not anticipate the presently-claimed invention, nor does it present a *prima facie* case of obviousness. In addition, while not necessary for patentability herein, the above-discussed comparative data is further evidence of patentability.

For all the above reasons, it is respectfully requested that the rejections over Okamoto et al be withdrawn.

Applicants gratefully acknowledge the Examiner’s indication of allowability of Claims 7 and 8. However, Applicants respectfully submit that all of the presently-pending claims in this application are in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

Application No. 10/526,024
Reply to Office Action of February 13, 2006

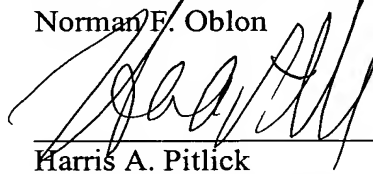
Applicants respectfully submit that all of the presently-pending claims in this application are now in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

Respectfully submitted,

Customer Number
22850

Tel: (703) 413-3000
Fax: (703) 413 -2220
(OSMMN 06/04)

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.
Norman F. Oblon

A handwritten signature in black ink, appearing to read "Harris A. Pitlick", is written over a horizontal line.

Harris A. Pitlick
Registration No. 38,779

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